

ABSTRACT OF THE DISCLOSURE

An apparatus for performing an electrochemical process on a surface of a workpiece comprises a platen assembly comprising a support platen, an electrolyte distribution plate, and a first conductive layer intermediate the support platen and distribution plate and configured to be coupled to at least a first potential. A carrier is configured to carry the workpiece and position the workpiece proximate the electrolyte distribution plate. A reservoir delivers an electrolyte to the electrolyte distribution plate. At least one contact separate from the platen assembly engages a peripheral region of the workpiece for coupling the workpiece to a second potential.